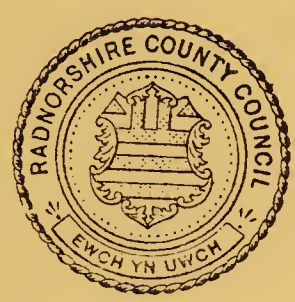


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INSTITUTE OF SOCIAL  
10. PARKS ROAD.  
OXFORD.

Radnorshire County Council.



Annual Report

Of the

Medical Officer of Health

For the

Years 1945 and 1946.



Radnorshire County Council.

INSTITUTE OF SOCIAL  
MEDICINE

10. PARKS ROAD,  
OXFORD



# Annual Report

Of the

Medical Officer of Health

For the

Year 1945.

By

T. E. JONES-DAVIES,  
M.A., M.D., M.R.C.P., D.P.H.,

County Medical Officer of Health.

# COUNTY OF RADNOR.

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## PUBLIC HEALTH AND HOUSING COMMITTEE AND MENTAL DEFICIENCY ACT COMMITTEE.

Chairman:

Col. Sir CHARLES VENABLES-LLEWELYN, Bart.  
Aldermen Hughes, William Thomas, T. L. Vaughan, and  
Richard Price; Councillors W. G. Bufton, T. P. Davies,  
R. L. Davies, W. H. Edwards, Ellway, Mrs. Gibson Watt,  
Prothero, Reynolds, E. V. Thomas, Col. J. L. Philips,  
and Capt. Harri Williams.

## MATERNITY AND CHILD WELFARE AND MIDWIVES ACT COMMITTEE.

The Members of the Public Health and Housing Committee,  
and Mrs. E. P. Rogers, Mrs. Alfred Thomas,  
Mrs. F. Eadie, Lady Venables-Llewelyn,  
Mrs. T. A. Price and Dr. A. Miller Kerr.

## District Medical Officers of Health.

NAME.	URBAN DISTRICT.
G. H. H. Booth, B.Sc., M.B., Ch.B., Wylcwm Street, Knighton.	Knighton.
J. E. Jenkins, B.M., B.Ch., Chalfont, Llandrindod Wells.	Llandrindod Wells.
R. H. Jobson, M.B., Ch.B., The Laurels, New Radnor.	Presteigne.
	RURAL DISTRICTS.
G. P. Driver, M.R.C.S., L.R.C.P., Tyn-y-berllan, Builth Wells.	Colwyn.
J. G. Garman, M.R.C.S., L.R.C.P., The Cottage, Knighton.	Knighton.
R. H. Jobson, M.B., Ch.B. The Laurels, New Radnor.	New Radnor.
W. W. Wilson, M.B., Ch.B. Broad Street, Hay.	Painscastle.
J. D. O'M. Poole, M.B., Ch.B. Bryncoed, Rhayader.	Rhayader.



## District Medical Officers (Poor Law) and Public Vaccinators.

The District Medical Officers of Health, and Drs. R. F. Jayne, H. W. Powell, \*P. Shankey, A. Miller Kerr, O. W. D. Steel and R. R. Walker.

\*District Medical Officer only.

### Vaccination Officers.

Messrs. G. W. Griffiths, A. R. Hicks, A. J. James,  
J. P. Lingen, H. E. Morris and D. J. Pugh.

### Sanitary Inspectors.

NAME and ADDRESS.	DISTRICT.	QUALIFICATIONS.
C. H. Fowler, Town Hall, Knighton.	Knighton Urban.	M.R. San. Inst.
R. J. Morris, Town Hall, Llandrindod Wells.	Llandrindod Urban.	M.R. San. Inst.
J. L. Richards, Scottleton Street, Presteigne.	Presteigne Urban.	M.D., M.R.C.S., D.P.H.
J. Evans, Victoria House, Erwood.	Colwyn Rural.	M.R. San. Inst.
D. Llewellyn, Wylcwm House,, Knighton.	Knighton Rural.	M. R. San.Inst., A.R., M.S.I.A.
J. P. Lingen, Broad Street, New Radnor.	New Radnor Rural.	—
J. J. Price, Hardwick House, Clifford, Hay.	Painscastle Rural	— —
E. J. Morgans Council Offices, Rhayader.	Rhayader Rural.	B.Sc., M.R. San.Inst.

Clerk to the County Council : Philip Parker.

Inspector of Midwives : Miss J. Todd, S.RN., S.C.M.,  
Cert. R. San. Inst.

Inspector under the Sale of Food and Drugs : C. S. W. Powell.

County Analyst : Herbert J. Evans, B-Sc., F.I.C.

Veterinary Officer : J. P. Railton, M.R.C.V.S.

Clerk to the Medical Officer of Health : R. P. Bufton.

# To the Chairman and Members of the Radnorshire County Council.



Mr. Chairman, Ladies and Gentlemen,

In the following pages are presented a brief outline report on the work of the Radnorshire County Health Department for the year 1945. During this time Dr. Jones-Davies was County Medical Officer, but, in his absence on war service Dr. Dilys Owen acted in his place and was assisted at Headquarters by a much depleted staff.

The health of the County for this period was satisfactory and the most notable feature of the year in the Department was the winding up of the Civil Defence Casualty Service.

I am,

Your obedient Servant,

F. J. H. CRAWFORD.

County Medical Officer.

# ANNUAL REPORT.

## Area.

The Administrative County of Radnor comprises three Urban and five Rural Districts ; it covers an area of 301,165 acres (Urban 8,167 acres, Rural 292,998 acres).

The Registrar-General gives the following estimates of the population for the year 1945 :—

Urban Districts 6,060 ; Rural Districts 13,450 ; County 19,510 ; made up as follows :—

### Urban Districts—

Knighton	1,894	
Llandrindod Wells	3,031	
Presteigne	1,135	
	<hr/>	6,060

### Rural Districts—

Colwyn	1,726	
Knighton	3,375	
New Radnor	2,306	
Painscastle	1,786	
Rhayader	4,257	
	<hr/>	13,450

Total County	<hr/>	19,510
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## Rateable Value.

The rateable value of the County at 1st April, 1945, was £195,417 ; product of a penny rate (estimated 1945-46) £813 7 11.

## Births.

**LIVE BIRTHS.**—Total number of live births registered in the County during 1945 was 332, compared with 368 during 1944. There were 311 legitimate births (males 155, females 156).

**STILL BIRTHS.**—The total number of still births registered in the County was 8 (males 4, females 4) compared with 11 in 1944.

## Illegitimate Births.

The total number of illegitimate live births was 21 (males 8, females 13).



Areas.	Live Births.			Still Births.	
	No. of Births.	Birth Rates.		No.	Rates per 1000 total births.
	1945.	1945.	1941-45.	1944.	1944.
Urban District :					
Knighton ...	27	14·3	16·3	2	69·0
Llandrindod Wells	54	17·8	14·7	—	—
Presteigne ...	31	27·3	23·8	2	60·6
Rural Districts :					
Colwyn ...	24	13·9	13·8	—	—
Knighton ...	56	16·6	16·3	—	—
New Radnor ...	44	19·1	17·1	1	22·2
Painscastle ...	34	19·0	17·9	2	55·5
Rhayader ..	62	14·6	15·2	1	15·9
Urban Districts ...	112	18·5	16·8	4	34·5
Rural Districts ...	220	16·3	16·0	4	17·8
Administrative County	332	17·0	16·2	8	23·5

### Death Rate.

The total number of deaths which occurred in the County (after due correction for residents who died outside the County and non-residents who died in the County) was 257 compared with 290 in 1944.



Of the deaths 86 (males 37, females 49) occurred in the Urban, and 171 (males 96, females 75) in the Rural Districts.

Particulars in regard to Death Rates (per 1,000 of the population) for 1945, and for the five years 1941-45, are as follows :—

Areas.	No. of Deaths.	Crude Death Rates.		
		1945.	1941-45.	
Urban Districts :				
Knighton -	27	14·3	16·8	
Lland'dod Wells	52	17·2	13·7	
Presteigne -	7	6·2	16·0	
Rural Districts :				
Colwyn -	17	9·8	12·2	
Knighton -	46	13·6	11·6	
New Radnor -	34	14·7	13·4	
Painscastle -	24	13·4	11·3	
Rhayader -	50	11·7	12·6	
Urban Districts -	86	14·2	15·0	
Rural Districts -	171	12·7	12·3	
Administrative County	257	13·2	13·2	

The principal causes of death for the year 1945 and the 5 years 1941-45, are given in the table which follows :—

Principal Causes of Death.	1945. No. of Deaths.	1945. Percentage of total Deaths.	1941-45. Percentage of total Deaths.
Diseases of Circulatory System (Heart Disease 60, Other Diseases 10)	70	27·2	28·8
Cancer, Malignant Disease	34	13·2	14·2
Diseases of Respiratory System (Bronchitis 11 Pneumonia 7, Other 3)	21	8·2	7·6
Intra-Cranial Vascular Lesions	47	18·3	14·9
Tuberculosis (Pulmonary 11, Non-Pulmonary 2)	13	5·1	4·1
Congenital Debility, Premature Birth, Malformation, etc.	11	4·3	4·0
Violence (Suicide 3, Road Traffic Accident 3, Other 4)	10	4·0	4·0
Acute and Chronic Nephritis	8	3·1	3·5
Diabetes ....	1	0·4	0·9
Total ....	215	83·7	82·0

The largest number of deaths occurred from diseases of the Circulatory System.

The deaths from Cancer number 34, i.e. 13·2 per cent of all deaths compared with 14·2 per cent during the five years 1941-45.

### Infant Mortality.

The number of deaths under 1 year in the County during 1945 was 10, compared with 18 for 1944; the infant mortality rate (number of deaths under 1 year per 1,000 live births) was 30 compared with 49 in 1944. Of the deaths 6 (4 males, 2 females) occurred in the Urban, and 4 (1 male, 3 females) in the Rural Districts.

There were 3 deaths of illegitimate children in the County during 1945, compared with 2 in 1944.

Particulars in connection with the various districts for 1945, and for the 10 years 1936-45 are as follows :—

Areas.	No of Deaths under 1 year. 1945.	Rates per 1000 births.	
		1945.	1936-45.
Urban Districts :			
Knighton -	1	37·0	36
Llandrindod Wells	3	55·5	55
Presteigne -	2	64·5	49
Rural Districts :			
Colwyn -	—	—	12
Knighton -	2	35·7	55
New Radnor -	—	22·7	38
Painscastle -	—	—	51
Rhayader -	2	32·3	46
Urban Districts -	6	53·6	48
Rural Districts -	4	18·1	44
Administrative County	10	30·1	45



## Diarrhœa and Enteritis (under age of 2 yrs.)

There were no deaths attributed to the above.

The rate for England and Wales was 5·6 per 1,000 live births.

## Extracts from Vital Statistics of the Year.

(Relating to the net births and deaths after correction for inward and outward transfers as furnished by the Registrar-General.)

	Total.	M.	F.
Live Births—Legitimate	311	155	156
„ Illegitimate	21	8	13
Stillbirths	8	4	4
Deaths	257	133	124
Birth Rate per 1,000 of the estimated resident population	17·0		
Death Rate	13·2		
Death Rate of Infants under 1 year of age :—			
All infants per 1,000 live births	30·1		
Legitimate infants per 1,000 legitimate live births	22·2		
Illegitimate infants per 1,000 illegitimate live births	142·8		
Deaths from Cancer (all ages)	34		
„ Measles (all ages)	—		
„ Whooping Cough (all ages)	1		
„ Diarrhœa (under 2 years of age)	—		

Of the 10 deaths of infants under one year of age death occurred in 5 cases during the neo-natal period i.e. in the first month of life.

## General Provision of Health Services for the Area. Laboratory Work.

Examination of milk samples and water samples are carried out by Mr. H. J. Evans, B.Sc., F.I.C., of Liverpool, the County Analyst.

Wassermann tests for syphilis are made at the University Laboratory, Birmingham.

Advantage has been taken of the Emergency Public Health Laboratory, which has been set up under the Ministry of Health at Aberystwyth, to deal with extra work arising in connection with evacuation from vulnerable areas.

## Ambulance Services.

Two ambulances are situated at Llandrindod Wells. One at the Hospital and the other at the Town Hall. Both are available for duty in any part of the County.



## **Nursing in the Home.**

Nursing in the home is carried out by the District Nurses of whom there are 22 in the County.

The number of visits made during the year was 10,298.

## **Treatment Centres and Clinics.**

No change from previous report.

## **Hospitals.**

There is a General Voluntary Hospital of 40 beds at Llandrindod Wells. A Hospital Ward is attached to the Knighton Institution which was taken over by the Public Assistance Committee under the Local Government Act, 1929.

The voluntary Hospital at Llandrindod Wells and the Institution at Knighton have been included in the Emergency Medical Services Hospital Scheme.

## **Isolation Hospital Accommodation**

Full details were given in the 1940 Report.

## **Local Government Act, 1929.**

### **Poor Law Out-relief.**

(a) Number of medical relief districts	...	9
(b) Number of districts included in (a) in which the "open choice" system of medical relief has been introduced	...	Nil.
(c) Number of district medical officers	...	10
(d) Number of officers in (c) whose whole time is devoted to public health service	...	Nil.

## **Institutional provision for care of Mental Defectives.**

Male defectives are admitted to any Certified Institution approved by the Board of Control. Female defectives only are admitted to Pantglas Institution. Defectives from the County are in the following Institutions.

Institutions.	M.	F.
Pantglas	—	10
Stoke Park Colony, Bristol	4	—
Royal Earlswood Institution, Surrey	1	—
Forden	7	1
Caersws	—	2

## Maternal Mortality.

One maternal Death occurred in the County during the year 1945.

## Maternity and Child Welfare.

### Midwives Act, 1936.

The scheme is working satisfactorily. The District Nursing Associations are anxious to help and co-operate with the County Health Department in the work.

### Hospital Provision for Mothers and Children.

Four beds are reserved in the Maternity Ward of the Llandrindod Wells Hospital for the treatment of complicated midwifery cases, or cases in which the home conditions are unsatisfactory. Knighton Public Assistance Institution has a well equipped maternity ward.

During the year 47 cases (27 from the Urban Areas and 27 from the Rural Areas) were admitted to the Llandrindod Wells Hospital.

Particulars of cases sent in :—

Ante-partum hæmorrhage	1
Contracted Pelvis	4
Albuminuria and Oedema	6
Previous medical history	5
Malpresentation	2
Miscarriage	1
Induction	1
Anaemia	2
Premature labour	2
Unstable Mental Condition	1
Obstructed labour	1
Pre-Eclamptic Toxaemia	1
Unsuitable Home Conditions	20

All these cases were discharged from Hospital in a satisfactory condition.

During the year 5 cases were admitted to the Knighton Public Assistance Institution.

## Health Visiting.

There are no full-time Health Visitors in the County the work being carried out by the District Nurses of whom there are 22. Their work is closely supervised by the full time County Nursing Superintendent.

Particulars of the number of visits paid during the year by all Health Visitors are as follows:—

(1) To Expectant Mothers—

First visits	279
Total visits	1793

(2) To children under one year of age—

First visits	250
Total visits	3291

(3) To children between age of 1 and 5 years—

Total visits	5093
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## THE MIDWIVES' ACT

Summary of the Inspector's work :

Regular inspections of Midwives	49
Special visits of enquiry	21
Other visits	100
Visits of inspection to Nursing Homes	5

Notifications received from Midwives of :—

Intention to practice	29
Sending for medical help	64
Artificial feeding of infants	5
Still-births	5
Liability to be a source of infection	6
Having laid out a dead body	4
Notification of Death	3

In connection with sending for medical aid, 17 notifications were received from the 3 Urban Districts and 47 from the 5 Rural. Particulars are as follows:

MOTHER—(a) ANTE-NATAL.

Ante-partum hæmorrhage	2
Varicose viens	1
Albuminuria	1



(b) LABOUR AND PUERPERIUM

Miscarriage	1
Uterine Inertia	1
Prolonged labour	4
Delayed second stage of labour	7
Premature Labour	2
Post-partum hæmorrhage	2
Malpresentation	3
Collapse	3
Pyrexia	2
Torn perineum	24
Retained Placenta	1

INFANT.	Dangerous feebleness	6
	Discharge from eyes	2
	Tumour of neck	1
	Blue asphyxia	1

In 54 cases (84·4 per cent) the aid was on behalf of the mother (ante-natal 7·4 per cent) ; and in 10 cases (15·6 per cent) in connection with the infant.

### Child Welfare Clinics.

Infant Welfare Clinics are held at the following centres :

1. Howey . . . . . Last Tuesday in month, 2-30.
2. Knighton . . . . . First Tuesday in month, 2-30.
3. Llandr'dod Wells 1st & 3rd Tuesdays in month, 2-30.
4. New Radnor . . . . . Last Monday in month, 1-30.
5. Presteigne . . . . . Second Tuesday in month.
6. Rhayader . . . . . Second Wednesday in month, 2-0.

The total number of attendances at all centres during the year was:—

(1) Under one year of age	670
(2) Between ages 1 and 5	697

### Ante-natal Scheme.

The Scheme has been in operation since August, 1931.

The total number of expectant mothers examined ante-natally under the scheme during the year was 101.

### Post-natal Scheme.

The scheme was adopted by your Authority on 1st May, 1937. Eight cases were examined under the scheme during the year.



## Orthopædic Scheme.

The scheme was established in 1927 in connection with the Shropshire Orthopædic Hospital. This covers children under school age, school children and adults. Clinics are held fortnightly at Llandrindod Wells, and arrangements exist for patients to be seen also at Leominster, Hereford, Newtown and Craven Arms.

### CHILDREN UNDER SCHOOL AGE.

Centre.	New cases	Atten- dances.	Old cases.	Atten- dances.
Llandrindod Wells	4	7	6	36
Craven Arms	1	1	—	—
Hereford	1	1	—	—
Leominster	1	2	—	—
Newtown	—	—	1	1
Total	7	11	7	37

### ADULTS.

Centre.	New cases.	Atten- dances.	Old cases	Atten- dances.
Llandrindod Wells	10	23	13	24
Craven Arms	7	25	—	—
Hereford	—	—	1	1
Leominster	1	1	—	—
Newtown	—	—	2	21
Total	18	49	16	46

Seven adults were treated during the year at the Robert Jones and Agnes Hunt Orthopædic Hospital.

## Blind Persons Acts, 1920-1938.

Three persons (2 males, 1 female) were registered during the year.

## Infectious and Other Diseases.

Reference was made to the hospital accommodation available for cases of infectious disease in the Report for 1940.

The number of cases notified in each District during the year was as follows:—

Districts.	Scarlet Fever.	Acute Pneumonia.	Whooping Cough	Measles.	Erysipelas.
Urban Districts :					
Knighton -	9	3		2	
Lland'dod				3	
Wells					
Presteigne -				21	
Total Urban -	9	3		26	
Rural Districts :					
Colwyn -					
Knighton -	3	2	2		1
New Radnor -	2	3		6	
Painscastle -		1	7	2	
Rhayader -	3	13	1	10	1
Total Rural -	8	19	10	18	2
Total County -	17	22	10	44	2

## Tuberculosis.

DEATHS.—The total number of deaths from Pulmonary Tuberculosis was 11 (7 males, 4 females) and from Non-Pulmonary Tuberculosis 2 (males).

20 New cases of Tuberculosis were notified during the year.

Particulars of new cases of tuberculosis and deaths from the disease in the area during 1945 are given in the following table:—

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
0-								
1-			1				1	
5-								
15-	6	9		1	3	2		
45-	1	1			3	1	1	
65+	1				1	1		
Total	8	10	1	1	7	4	2	

TUBERCULOSIS.

RESIDENTIAL TREATMENT.

	In Insti- tutions on 1-1-45	Number admit- ted during year.	Total.	Number discharged.			Died.	In Insti- tutions on 31-12-45
				Quies- cent.	Impro- ved.	No mat- erial im- pr'v'm't		
Hospital: Pulmonary: Definitely Tuberculous	3	5	8	-	1	3	2	2
Doubtfully Tuberculous	-	-	-	-	-	-	-	-
Non-Pulmonary: Definitely Tuberculous	1	2	3	2	-	-	-	1
Doubtfully Tuberculous	-	1	1	-	-	-	-	1
In Sanatoria: Definitely Tuberculous	2	6	8	-	1	1	-	6
Doubtfully Tuberculous	-	5	5	-	-	-	1	4
Grand Total	6	19	25	2	2	4	3	14



TABLE I.

Causes of Death in Administrative Areas in the County of  
Radnor for 1945.

Causes of Death	Urban Districts								Rural Districts								County.		
	Knighton.		Llandri'dod Wells.		Presteigne		Colwyn.		Knighton.		New Radnor.		Painscastle		Rhayader.		M.	F.	Total.
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Whooping Cough			1														1		1
Tuberculosis of respiratory system	1	1		2					2	1	2		1		1		7	4	11
Tuberculosis other forms...	1						1										2		2
Influenza ...			1														1		1
Cancer, malignant disease ...	3		3	6	1	2	2	2	1	4		1	3	2	4		17	17	34
Stomach diseases ...							1										1		1
Cerebral vas- cular lesions	1	5	1	11			3	5	3	2	3	1	2	5	5		15	32	47
Heart disease ...	1	2	9	5	1	5	1	5	4	6	4	4		5	8		35	25	60
Other circulatory diseases ...		1		2	1				1	3			1		1		4	6	10
Cholera ...	2	1	1						2	1					3	1	9	2	11
Pneumonia ...			2	1		1			1						2		3	4	7
Other respiratory diseases ...				1			1					1					1	2	3
Rheumatism (under 2 yrs.)																			
Other digestive diseases ...			1						2		2		1		1		6	1	7
Gonorrhoea ...									2	1		1			3	1	5	3	8
Septicæmia ...																			
Other																			
External Causes				1														1	1
Natural birth ...			1	1	1										1		1	3	4
Stillbirth; Birth																			
Infant, infant dis...			1		1				2				1	2			4	3	7
Accidents													1		2		3		3
Side					1				1		1						2	1	3
Other violence ...									1		2	1					3	1	4
Other causes ...	4	4	1		1				4	6		2	3	4	2	1	14	18	32
Total causes ...	13	14	22	30	2	5	9	8	26	20	23	11	13	11	25	25	133	122	257

TABLE II.

Causes of death at different periods of life in the County of Radnor, 1945

Causes of Death.	Aggregate of Urban Districts.													
	All Ages.		0-		1-		5-		15-		45-		65+	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Whooping Cough	1		1											
Tuberculosis of Respiratory System	1	3								1	1	1		1
Tuberculosis other forms	1				1									
Influenza	1										1			
Cancer, Malignant disease	6	7								1	2	2	4	4
Diabetes														
Intracranial vascular lesions	2	16										2	2	14
Heart Disease	10	8					1						9	8
Other Circulatory Diseases	1	3											1	3
Bronchitis	3	1									1		2	1
Pneumonia	2	1						1					2	
Other Respiratory Diseases		1												1
Diarrhoea (under 2 years)														
Other Digestive Diseases	1								1					
Nephritis														
Puerperal Sepsis														
Other Maternal causes		1								1				
Premature Birth	1	2	1	2										
Con : mal ; Birth injury : Infant dis :	2		1		1									
Suicide		1								1				
Other Violence														
Road Traffic Accidents														
All other causes	5	5	1			1							1	4
All Causes	37	49	4	2	2	1	1	1	1	4	5	6	24	35

TABLE II.

Causes of death at different periods of life in the County of Radnor, 1945

Causes of Death.	Aggregate of Rural Districts.													
	All Ages.		0-		1-		5-		15-		45-		65+	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Whooping Cough														
Tuberculosis of Respiratory System	6	1							3	1	2		1	
Tuberculosis other forms	1										1			
Influenza														
Cancer, Malignant disease	11	10							3	1	2	1	6	8
Diabetes		1												1
Intracranial vascular lesions	13	16									2	2	11	14
Heart Disease	25	17									4	1	21	16
Other Circulatory Diseases	3	3											3	3
Bronchitis	6	1											6	1
Pneumonia	1	3										1	1	2
Other Respiratory Diseases	1	1			1							1		
Diarrhoea (under 2 years)														
Other Digestive Diseases	5	1							2		1		2	1
Nephritis	5	3									1	2	3	2
Puerperal Sepsis														
Other Maternal causes														
Premature Birth		1		1										
Con : mal ; Birth injury : Infant dis :	2	3	1	2		1			1					
Suicide	2										1		1	
Other Violence	3	1					2						1	1
Road Traffic Accidents	3								2				1	
All other causes	9	13									1	3	8	10
All Causes	96	75	1	3	1	1	2		11	3	16	9	65	59



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Radnorshire County Council.



# Annual Report

Of the

Medical Officer of Health

For the

Year 1946.

By

F. J. H. CRAWFORD,

M.D., B.Sc., D.P.H.,

Barrister-at-Law.

County Medical Officer of Health.

# Radnor County Council.

## PUBLIC HEALTH AND HOUSING COMMITTEE

Chairman:

Alderman Col. Sir CHARLES VENABLES-LLEWELYN, Bart.

Aldermen R. Hughes, T. L. Vaughan, and Richard Price;  
Councillors W. G. Bufton, T. P. Davies, W. H. Edwards,  
Ellway, Mrs. Gibson Watt, Prothero, E. V. Thomas, Col.  
J. L. Philips, R. P. L. Hughes, P. Pritchard, Rev'd W. L.  
Williams; and Mrs E. P. Rogers, Mrs. Alfred Thomas, Mrs.  
F. W. Eadie, Lady Venables-Llewelyn, Mrs. T. A. Price, and  
Dr. A. Miller Kerr.

## MATERNITY AND CHILD WELFARE AND MIDWIVES ACT COMMITTEE.

The Members of the Public Health and Housing Committee.

## MENTAL DEFICIENCY ACT COMMITTEE.

Aldermen Col. Sir Charles Venables-Llewelyn, Bart., R.  
Hughes, Richard Price and T. L. Vaughan; Councillors W.  
G. Bufton, T. P. Davies, W. H. Edwards, Ellway, Mrs.  
Gibson-Watt, R. P. L. Hughes, Col. J. L. Philips, Penry  
Pritchard, Protheroe, E. V. Thomas, Rev'd W. M. Williams,  
together with Mrs. T. A. Price and Dr. A. Miller Kerr.

Clerk to the County Council: Philip Parker.

County Medical Officer of Health (Acting): Dr. M. Dilys Owen  
(appointment terminated 12-9-46).

County Medical Officer of Health: Dr. T. E. Jones Davies.  
(on Active Service—returned to duty 13-9-46)

Inspector of Midwives: Miss J. Todd, S.R.N., S.C.M.,  
Cert. R. San. Inst.

Inspector under the Sale of Food and Drugs: C. S. W. Powell.

County Analyst: Herbert J. Evans, B.Sc., F.I.C.

Clerk to the Medical Officer of Health: R. P. Bufton.

## District Medical Officers of Health.

NAME.	URBAN DISTRICT.
G. H. H. Booth, B.Sc., M.B., Ch.B., Wylcwm Street, Knighton.	Knighton.
J. E. Jenkins, M.A., B.M., B.Ch., Chalfont, Llandrindod Wells.	Llandrindod Wells.
R. H. Jobson, M.B., Ch.B., The Laurels, New Radnor.	Presteigne.



## RURAL DISTRICTS.

G. P. Driver, M.R.C.S., L.R.C.P., Tyn-y-berllan, Builth Wells.	Colwyn.
J. G. Garman, M.R.C.S., L.R.C.P., The Cottage, Knighton.	Knighton.
R. H. Jobson, M.B., Ch.B. The Laurels, New Radnor.	New Radnor.
W. W. Wilson, M.B., Ch.B. Broad Street, Hay.	Painscastle.
J. D. O'M. Poole, M.B., Ch.B. Bryncoed, Rhayader.	Rhayader.

## Sanitary Inspectors.

Knighton Urban.	C. H. Fowler, A.R. San. Inst. Town Hall, Knighton.
Llan'dod Wells Urban.	R. J. Morris, M.R. San. Inst., P.A.S.I. Town Hall, Llandrindod Wells.
Presteigne Urban.	J. L. Richards, M.D., M.R.C.S., D.P.H. Scottleton Street, Presteigne. (retired June, 1946) R. P. Morris, M.R. San. Inst. Westfield, Kington.
Colwyn Rural.	J. Evans, M.R. San. Inst. Victoria House, Erwood. (retired March, 1946) C. H. Wright, M.S.I.A. Ashfield, Builth Wells.
Knighton Rural.	D. Llewellyn, A. R. San.Inst., M.S.I.A. Wylcwm House,, Knighton.
New Radnor Rural.	J. P. Lingen, Broad Street, New Radnor.
Painscastle Rural	Garfield Evans, M.R. San. Inst. M.S.I.A. Council Offices, Hay.
Rhayader Rural.	E. J. Morgans B.Sc., M.R. San.Inst. Council Offices, Rhayader.

## District Medical Officers (Poor Law) and Public Vaccinators.

The District Medical Officers of Health, and Drs. R. F. Jayne, H. W. Powell, \*P. Shankey, A. Miller Kerr, O. W. D. Steel and R. R. Walker.

\*District Medical Officer only.

## Vaccination Officers.

Messrs. G. W. Griffiths, A. R. Hicks, A. J. James,  
J. P. Lingen, H. E. Morris and D. J. Pugh.

# To the Chairman and Members of the Public Health and Housing Committee.



Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report of the County Health organisation for 1946. As has been the usual practice during the war years the report is of an 'austerity' type.

The report deals with a period during which Dr. Dilys Owen continued, until the 12th September, 1946 as Acting County Medical Officer of Health. Dr. Jones-Davies returned from War Service on the 13th September, 1946 and during the year Mr. Bufton, Chief Clerk of the Department and Mr. Meredith, another member of the Clerical Staff returned also from serving in H.M. Forces.

Comment should be made on the Infant Mortality Rate which was 24·7 compared with 30 for 1945. Too great stress should, perhaps, not be laid on this reduction as in a County with such a small population and consequently small number of births, slight changes in the number of deaths of infants may produce large fluctuations in the mortality rate. The rate of 24·7 is, however, indicative of an efficient service of child care and is highly gratifying, especially when compared with the rates prevailing even so recently as thirty years ago. In 1926 for example, the infant mortality rate was 46 and in 1919 (like 1946 the first year of peace after a world war) the figure was 59·4.

The members of the Council and of the Committees continued to give support to the work of the department during the year.

I am,

Your obedient servant,

F. J. H. CRAWFORD.

County Medical Officer.

# ANNUAL REPORT.

## Area.

The Administrative County of Radnor comprises three Urban and five Rural Districts ; and covers an area of 301,165 acres (Urban 8,167 acres, Rural 292,998 acres).

## Population.

The Registrar-General gives the following estimates of the population for the year 1946 :—

Urban Districts 5,800 ; Rural Districts 13,060 ; County 18,860 ; made up as follows :—

### Urban Districts—

Knighton	1,782	
Llandrindod Wells	2,885	
Presteigne	1,133	
	<hr/>	5,800

### Rural Districts—

Colwyn	1,681	
Knighton	3,171	
New Radnor	2,261	
Paincastle	1,721	
Rhayader	4,226	
	<hr/>	13,060

Total County	<hr/>	18,860
--------------	-------	--------

## Rateable Value.

The rateable value of the County at 1st April, 1946, was £195,038 ; product of a penny rate (estimated 1946-47) £796 15 3.

## Births.

LIVE BIRTHS.—Total number of live births registered in the County during 1946 was 324, compared with 332 during 1945. There were 306 legitimate births (males 145, females 161).

STILL BIRTHS.—The total number of still births registered in the County was 6 (males 2, females 4) compared with 8 in 1945.

## Illegitimate Births.

The total number of illegitimate live births was 18 (males 8, females 10).



Area.	Live Births.			Still Births.	
	No. of Births.	Birth Rates.		No.	Rates per 1000 total births.
	1946.	1946.	1941-45.	1946.	1946.
Urban District :					
Knighton ...	33	18·5	16·3	1	30·3
Llandrindod Wells	47	16·3	14·7	1	21·3
Presteigne ...	11	9·7	23·8	—	—
Rural Districts :					
Colwyn ...	34	20·2	13·8	—	—
Knighton ...	59	18·6	16·3	1	17·0
New Radnor ...	41	18·1	17·1	2	48·8
Painscastle ...	25	14·5	17·9	—	—
Rhayader ..	74	17·5	15·2	1	13·5
Urban Districts ...	91	15·7	16·8	2	22·0
Rural Districts ...	233	17·8	16·0	4	17·2
Administrative County	324	17·2	16·2	6	18·5

### Death Rate.

The total number of deaths which occurred in the County (after due correction for residents who died outside the County and non-residents who died in the County) was 259 compared with 257 in 1945.



Of the deaths 97 (males 42, females 55) occurred in the Urban, and 162 (males 84, females 78) in the Rural Districts.

Particulars in regard to Death Rates (per 1,000 of the population) for 1946, and for the five years 1941-45, are as follows :—

Area.	No. of Deaths.	Crude Death Rates.		
		1946.	1941-45.	
Urban Districts :				
Knighton -	34	19·1	16·8	
Lland'dod Wells	45	15·6	13·7	
Presteigne -	18	16·0	16·0	
Rural Districts :				
Colwyn -	18	10·7	12·2	
Knighton -	44	13·9	11·6	
New Radnor -	25	11·0	13·4	
Painscastle -	22	12·8	11·3	
Rhayader -	53	12·5	12·6	
<hr/>				
Urban Districts -	97	16·7	15·0	
Rural Districts -	162	12·4	12·3	
Administrative County	259	13·7	13·2	

The principal causes of death for the year 1946 and the 5 years 1941-45, are given in the table which follows :—

Principal Causes of Death.	1946. No. of Deaths.	1946. Percentage of total Deaths.	1941-45. Percentage of total Deaths.
Diseases of Circulatory System (Heart Disease 72, Other Diseases 9)	81	31·3	28·0
Cancer, Malignant Disease	40	15·5	14·2
Diseases of Respiratory System (Bronchitis 9 Pneumonia 4, Other 4)	17	6·5	7·6
Intra-Cranial Vascular Lesions	41	15·8	14·9
Tuberculosis (Pulmonary 4, Non-Pulmonary 3)	7	2·7	4·1
Congenital Debility, Premature Birth, Malformation, etc.	6	2·3	4·1
Violence (Suicide 1, Other 4)	5	1·9	4·0
Acute and Chronic Nephritis	9	3·1	3·5
Diabetes ....	2	0·8	0·9
Total ....	208	80·3	82·0

The largest number of deaths occurred from diseases of the Circulatory System.

The deaths from Cancer number 40, i.e. 15·5 per cent of all deaths compared with 14·2 per cent during the five years 1941-45.

Infant Mortality.

The number of deaths under 1 year in the County during 1946 was 8, compared with 10 for 1945; the infant mortality rate (number of deaths under 1 year per 1,000 live births) was 24·7 compared with 30 in 1945. Of the deaths 2 (1 male, 1 female) occurred in the Urban, and 6 (3 males, 3 females) in the Rural Districts.

There were no deaths of illegitimate children in the County during the year 1946, compared with 3 in 1945.

Particulars in connection with the various districts for 1946, and for the 10 years 1936-45 are as follows :—

Area.	No of Deaths under 1 year. 1946.	Rates per 1000 live births.	
		1946.	1936-45.
Urban Districts :			
Knighton -	1	30·3	36
Llandrindod Wells	1	21·3	55
Presteigne -	—	—	49
Rural Districts :			
Colwyn -	—	—	12
Knighton -	2	34·0	55
New Radnor -	1	24·4	38
Painscastle -	1	40·0	51
Rhayader -	2	27·0	46
Urban Districts -	2	22·0	48
Rural Districts -	6	25·7	44
Administrative County	8	24·7	45



## Diarrhœa and Enteritis (under age of 2 yrs.)

There was one death attributed to the above.

### Extracts from Comparative Vital Statistics of the Year.

(Relating to the net births and deaths after correction for inward and outward transfers as furnished by the Registrar-General.)

	Total.	M.	F.
Live Births—Legitimate	306	145	161
„ Illegitimate	18	8	10
Stillbirths	6	2	4
Deaths	259	126	133
		County	Eng. & Wales
Birth Rate per 1,000 of the estimated resident population		17.2	19.1
Death Rate per 1,000 of the estimated resident population		13.7	11.5
Death Rate of Infants under 1 year of age :—			
All infants per 1,000 live births		24.7	43.0
Legitimate infants per 1,000 legitimate live births		26.1	
Illegitimate infants per 1,000 illegitimate live births		Nil	
Deaths from Cancer (all ages)	...	40	
„ Measles (all ages)	...	—	
„ Whooping Cough (all ages)		1	
„ Diarrhœa (under 2 years of age)		1	

Of the 8 deaths of infants under one year of age death occurred in 4 cases during the neo-natal period i.e. in the first month of life.

### General Provision of Health Services for the Area. Laboratory Work.

Examination of milk samples and chemical examination of water samples are carried out by Mr. H. J. Evans, B.Sc., F.I.C., of Carmarthen, the County Analyst.

Wassermann tests for syphilis are made at the University Laboratory, Birmingham.

Advantage has also been taken of the facilities provided by the Emergency Public Health Laboratory, set up under the Ministry of Health at Aberystwyth, for the bacteriological examination of water samples.



## **Ambulance Services.**

Two ambulances are situated at Llandrindod Wells. One at the Hospital and the other at a commercial garage in the Town. Both are available for duty in any part of the County.

The Knighton Urban District Council maintain an ambulance for the use of patients in the Knighton Urban and Rural Districts and the St. John Ambulance Brigade provide ambulances, staffed and maintained mainly by voluntary effort, at Presteigne and Rhayader.

## **Nursing in the Home.**

Nursing in the home is carried out by the District Nurses of whom there are 22 in the County.

The number of visits made during the year was 23,117.

## **Treatment Centres and Clinics.**

There is no clinic or centre for the treatment of Venereal Disease in the County and such cases are dealt with by arrangement with the Hereford C.C. and the Salop C.C. at their clinics at Hereford and Shrewsbury.

## **Hospitals.**

There is a Voluntary General Hospital of 40 beds at Llandrindod Wells. A Hospital Ward is attached to the Knighton Institution which was taken over by the Public Assistance Committee under the Local Government Act, 1929.

## **Isolation Hospital Accommodation**

Small and unsuitable Isolation Hospitals exist at Llandrindod Wells, Rhayader and Hay, but in fact these were not used during the year and patients suffering from infectious diseases and requiring hospital treatment were admitted to the Monkmoor Isolation Hospital, Shrewsbury, provided by the Shrewsbury and Atcham Joint Hospital Board.

## **Local Government Act, 1933.**

(a) Number of medical relief districts	...	9
(b) Number of districts included in (a) in which the "open choice" system of medical relief has been introduced	...	Nil.
(c) Number of district medical officers	...	10
(d) Number of officers in (c) whose whole time is devoted to public health services	...	Nil.

## **Institutional provision for the care of Mental Defectives.**

No provision of institutional accommodation for male defectives has been made by the County Council and such patients are admitted to any Certified Institution approved by the Board of Control. Female defectives are admitted to the Pantglas Hall Institution, provided by the West Wales Joint Board, of which the Radnor County Council is a constituent authority. Defectives from the County are in the following Institutions.

Institutions.	M.	F.
Pantglas Hall ...	—	10
Stoke Park Colony, Bristol	4	—
Royal Earlswood Institution, Surrey	1	—
Forden ...	6	1
Caersws ...	—	2
Brentry Colony ...	1	—

## **Maternal Mortality.**

One maternal Death from Pulmonary Embolism occurred in the County during the year and was unavoidable.

## **Maternity and Child Welfare.**

### **Midwives Act, 1936.**

The County Council's duties under the Midwives Act, 1936, are carried out by delegation of this work to the Radnor County Nursing Association, which employs, through the District Nursing Associations, 22 District Nurse Midwives under the supervision of a County Nursing Superintendent. The Radnor County Nursing Association is affiliated to the Queens Institute of District Nursing and seven of the nurses in the County are 'Queens Nurses'.

The scheme is working satisfactorily. The District Nursing Associations are anxious to help and co-operate with the County Health Department in the work.

## Hospital Provision for Mothers and Children.

Four beds are reserved in the Maternity Ward of the Llandrindod Wells Hospital for the treatment of complicated midwifery cases, or cases in which the home conditions are unsatisfactory. Knighton Public Assistance Institution has a maternity ward of 2 beds, staffed when occupied by a District Nurse Midwife.

During the year 45 cases (11 from the Urban Areas and 34 from the Rural Areas) were admitted to the Llandrindod Wells Hospital.

Particulars of cases sent in :—

Enlarged Thyroid	1
Hydramnois	1
Pyelitis	1
Oedema of legs	1
Albuminuria and Oedema	1
Eclampsia	1
Toxaemia	2
Incomplete abortion	2
Miscarriage	1
Foetus dead in uterus	2
Placenta Praevia	1
Ante-partum hæmorrhage	4
Distended uterus	1
Contracted Pelvis	5
Malpresentation	1
Breech presentation	1
Extended breech	2
Obstructed labour	1
Unsuitable Home Conditions	16

All these patients were discharged from Hospital in a satisfactory condition.

During the year 5 maternity patients were admitted to the Knighton Public Assistance Institution and 4 patients were admitted to Builth Wells Cottage Hospital.



## Health Visiting.

There are no full-time Health Visitors in the County the work being carried out by the District Nurses of whom there are 22. Their work is closely supervised by a full time County Nursing Superintendent.

Particulars of the number of visits paid during the year by all District Nurses acting as Health Visitors are as follows:—

(1) To Expectant Mothers—

First visits	253
Total visits	2047

(2) To children under one year of age—

First visits	234
Total visits	3068

(3) To children between age of 1 and 5 years—

Total visits	5389
--------------	------

## THE MIDWIVES' ACT

Summary of the Inspector's work :

Regular inspections of Midwives	76
Special visits of enquiry	7
Other visits	114
Visits of inspection to Nursing Homes	10
Visits of inspection of records and equipment of nurses	192

Notifications received from Midwives of :—

Intention to practice	32
Sending for medical help	55
Artificial feeding of infants	7
Still-births	2
Liability to be a source of infection	5

In connection with sending for medical aid; 10 notifications were received from the 3 Urban Districts and 45 from the 5 Rural Districts. Particulars are as follows:

MOTHER—(a) ANTE-NATAL.

Abdominal pain	1
Prolapse of Uterus	1
Ante-partum hæmorrhage	3



(b) LABOUR AND PUERPERIUM

	Miscarriage	6
	Premature Labour	2
	Early rupture of membranes	1
	Abdominal pain	3
	Uterine Inertia	1
	Breech presentation	2
	Extended breech	1
	Prolonged labour	2
	Delay in second stage of labour	3
	Contracted Pelvis	2
	Post-partum hæmorrhage	2
	Torn perineum	16
	Retained Placenta	2
	Pyrexia	2
	Phlebitis	1
INFANT.	Premature infant feeble	1
	Swollen Arms	1
	Stillbirths	2

In 51 cases (92.7 per cent) the aid was on behalf of the mother; and in 4 cases (7.3 per cent) in connection with the infant.

### Child Welfare Clinics.

Child Welfare Clinics are held at the following centres:

- |                     |                                    |
|---------------------|------------------------------------|
| 1. Knighton         | First Tuesday in month, 2-30.      |
| 2. Llandr'dod Wells | 1st & 3rd Tuesdays in month, 2-30. |
| 3. New Radnor       | Last Monday in month, 1-30.        |
| 4. Presteigne       | Second Tuesday in month, 2-30.     |
| 5. Rhayader         | Second Wednesday in month, 2-0.    |

The total number of attendances at all centres during the year was:—

(1) Under one year of age	456
(2) Between ages 1 and 5 years	630

### Ante-natal Scheme.

This scheme under which every mother is entitled to be examined ante-natally as often as necessary by her own medical practitioner at the expense of the County Council has been in operation since August, 1931.

The total number of expectant mothers examined ante-natally under the scheme during the year was 116.

## Post-natal Scheme.

The scheme was adopted by the Authority on 1st May, 1937. No cases were examined under the scheme and this may perhaps be ascribed largely to apathy on the part of the mothers.

## Orthopædic Scheme.

The scheme was established in 1927 and is centred on the Robert Jones and Agnes Hunt Orthopædic Hospital, Oswestry. This covers children under school age, school children and adults. Clinics are held fortnightly at Llandrindod Wells, and arrangements exist for patients to be seen also at Leominster, Hereford, Newtown and Craven Arms. Whenever necessary patients are admitted for treatment to the Orthopædic Hospital.

### CHILDREN UNDER SCHOOL AGE.

Centre.	New cases	Atten- dances.	Old cases.	Atten- dances.
Llandrindod Wells	10	24	6	14
Leominster	1	1	1	1
Total	11	25	7	15

### ADULTS.

Centre.	New cases.	Atten- dances.	Old cases	Atten- dances.
Llandrindod Wells	17	33	16	34
Hereford	—	—	4	10
Craven Arms	—	—	3	17
Total	17	33	23	61

Three adults and three children under school age were admitted for treatment to the Robert Jones and Agnes Hunt Orthopædic Hospital.

## Blind Persons Acts, 1920-1938.

One person was registered during the year as the result of examination by the County Medical Officer.

## Infectious Diseases.

Brief reference is made to the hospital accommodation available for cases of infectious disease on page 11 of this Report.

The number of cases notified in each District during the year ended 31st December, 1946 was as follows:—

Districts.	Scarlet Fever.	Acute Pneumonia.	Whooping Cough	Measles.	Cerebro-Spinal Fever	Erysipelas.
Urban Districts :						
Knighton -		1			1	
Lland'dod Wells						
Presteigne -						
Total Urban -		1			1	
Rural Districts :						
Colwyn -						
Knighton -	2	1		2	1	
New Radnor -						
Painscastle -	1					
Rhayader -	1	8	39			1
Total Rural -	4	9	39	2	1	1
Total County -	4	10	39	2	2	1

## Tuberculosis.

DEATHS.—The total number of deaths from Pulmonary Tuberculosis was 4 (1 male, 3 females) and from Non-Pulmonary Tuberculosis 3 (females).

Eleven new cases of Tuberculosis were notified during the year.

Particulars of new cases of tuberculosis and deaths from the disease in the area during 1946 are as follows:—

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
0-								
1-								
5-								
15-	5	2	2	1	1	3		2
45-	1							
65+								1
Total	6	2	2	1	1	3		3



# RESIDENTIAL TREATMENT.

## TUBERCULOSIS.

	In Insti- tutions on 1-1-46	Number admit- ted during year.	Total.	Number discharged.			Died.	In Insti- tutions on 31-12-46
				Quies- cent.	Impro- ved.	No mat- erial im- pr'v'm't		
Hospital: Pulmonary: Definitely Tuberculous	2	4	6	-	1	-	1	4
Doubtfully Tuberculous	-	-	-	-	-	-	-	-
Non-Pulmonary: Definitely Tuberculous	1	2	3	1	-	-	-	2
Doubtfully Tuberculous	1	-	1	-	1	-	-	-
In Sanatoria: Definitely Tuberculous	6	7	13	4	4	1	-	4
Doubtfully Tuberculous	4	1	5	-	4	-	-	1
Grand Total	14	14	28	5	10	1	1	11

TABLE I.  
Causes of Death in Administrative Areas in the County of  
Radnor for 1946.

Causes of Death	Urban Districts				Rural Districts								County					
	Knighton.		Llandri'dod Wells.		Presteigne		Colwyn.		Knighton.		New Radnor.		Painscastle		Rhayader.		M.	F.
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Cerebro-spinal fever		1																1
Tuberculosis of respiratory system		1			1										2		1	3
Other tuberculous diseases						1				1					1			3
Influenza ...				1	1									1			1	2
Cancer, malignant disease ...	3	2	2	6		1	2	1	4	4	1	1	3		5	5	20	20
Diabetes ...													2					2
Intracranial vascular lesions	1	1	7	9		2	2	3	1	1	2	4		3	3	2	16	25
Heart disease ...	4	5	4	5	2	5	2	4	6	7	7	2		5	13	1	38	34
Other circulatory diseases ...	1	3	2						1		2						6	3
Bronchitis ...	2		1						1	1			1	1		1	6	3
Pn'monia(all forms)		1				1										2	1	3
Other respiratory diseases ...	1				1				1				1				3	1
Diarrhoea (under 2 yrs.)		1																1
Other digestive diseases ...						1		1	1					1	2		3	3
Acute and Chronic Nephritis ...	1			2					1	1	1				1	2	4	5
Maternal Causes																		
Puerperal and post abortive sepsis				1														1
Premature birth&c															1			1
Con: malformations, etc.			1						1	1			1		1		4	1
Whooping Cough												1						1
Suicide ...																1		1
Other violence ...					1			1		1					1		2	2
All other causes ...	4	2	3	1	2	1	1	4	6	2		1	3	6	2		21	17
All causes ...	17	17	20	25	5	13	8	10	22	22	16	9	6	16	32	21	126	133

TABLE II.

Causes of death at different periods of life in the County of Radnor, 1946

Causes of Death.	Aggregate of Urban Districts.													
	All Ages.		0-		1-		5-		15-		45-		65+	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cerebro-spinal Fever		1						1						
Tuberculosis of Respiratory System	1	1							1	1				
Other Tuberculous diseases		1												1
Influenza	1	1								1			1	
Cancer, Malignant disease	5	9							1		2	1	2	8
Diabetes														
Intracranial vascular lesions	8	12									3	3	5	9
Heart Disease	10	15									3		7	15
Other Circulatory Diseases	3	3									2	1	1	2
Bronchitis	3												3	
Pneumonia (all forms)		1												1
Other Respiratory Diseases	2										1		1	
Diarrhœa (under 2 years)		1		1										
Other Digestive Diseases		1										1		
Nephritis	1	2											1	2
Maternal causes														
Puerperal and post abortive sepsis		1								1				
Premature Birth														
Con. malformations, etc.	1				1									
Whooping Cough														
Suicide														
Other violent causes		1				1								
All other causes	7	5	1								1	1	1	3
All Causes	42	55	1	1	1	1			1	2	4	12	7	41



TABLE II.

Causes of death at different periods of life in the County of Radnor, 1946

Causes of Death.	Aggregate of Rural Districts.													
	All Ages.		0-		1-		5-		15-		45-		65+	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cerebro-spinal Fever														
Tuberculosis of														
Respiratory System		2								2				
Other Tuberculous														
diseases		2								2				
Influenza		1										1		
Cancer, Malignant														
disease	15	11							1		3	5	11	6
Diabetes		2												2
Intracranial vascular														
lesions	8	13									1	2	7	11
Heart Disease	28	19							2		2	3	24	16
Other Circulatory														
Diseases	3												3	
Bronchitis	3	3										1	3	2
Pneumonia (all forms)	1	2											1	2
Other Respiratory														
Diseases	1	1									1			1
Diarrhoea (under 2 years)														
Other Digestive														
Diseases	3	2							1		2			2
Nephritis	3	3										2	3	1
Maternal causes														
Puerperal and post														
abortive sepsis														
Premature Birth		1		1										
Con. malformations, etc.	3	1	3	1										
Whooping Cough		1		1										
Suicide		1										1		
Other violent causes	2	1									1	1	1	
All other causes	14	12			2					1	1	2	11	9
All Causes	84	78	3	3	2				4	5	11	18	64	52



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